

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 16-01-D4			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT DUCHESNE			
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME			
6. NAME OF OPERATOR PETROGLYPH OPERATING CO						7. OPERATOR PHONE 208 685-7685			
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Boise, ID, 83703						9. OPERATOR E-MAIL ppowell@pgei.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) I-109-IND-5351			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee') D. Milton Moon and Karen C. Moon, as Trustees						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-756-4485			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1158 N. 1190 E., ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	672 FNL 258 FEL	NENE	16	4.0 S	4.0 W	U
Top of Uppermost Producing Zone	670 FNL 670 FWL	NWNW	16	4.0 S	4.0 W	U
At Total Depth	670 FNL 670 FWL	NWNW	16	4.0 S	4.0 W	U

21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 672		23. NUMBER OF ACRES IN DRILLING UNIT 4150	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 804		26. PROPOSED DEPTH MD: 11085 TVD: 6824	
27. ELEVATION - GROUND LEVEL 5789		28. BOND NUMBER LPM4138336		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	16	0 - 50	5.0	Unknown	10.0	Class G	25	1.17	15.8
Surf	12.25	9.625	0 - 700	36.0	J-55 ST&C	10.0	Class G	253	1.17	15.8
Prod	8.75	5.5	0 - 7350	17.0	P-110 LT&C	10.0	Class G	704	1.91	12.5
							Class G	784	1.48	14.3
P2	7.875	5.5	0 - 11085	17.0	P-110 LT&C	10.0	Class G	507	1.48	14.3
							Class G	84	1.48	14.3

ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Ed Trotter	TITLE Agent	PHONE 435 789-4120
SIGNATURE	DATE 02/01/2013	EMAIL edtrotter@easilink.com
API NUMBER ASSIGNED 43013520330000	APPROVAL Permit Manager	

PETROGLYPH OPERATING CO., INC.

1985 Duchesne Co.
Alum Cap, 0.5' High
Pile of Stones

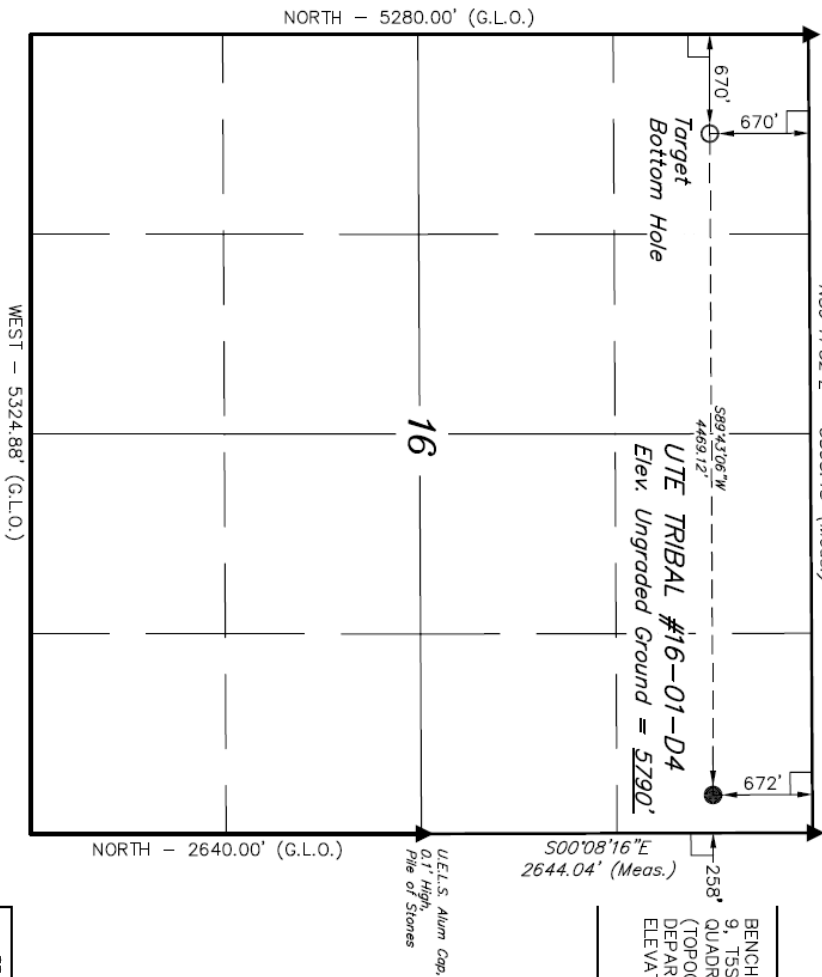
Well location, UTE TRIBAL #16-01-D4, located as shown in the NE 1/4 NE 1/4 of Section 16, T4S, R4W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

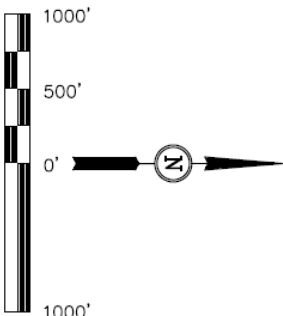
BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B. &M., TAKEN FROM THE DUCHESSNE SE. QUADRANGLE, UTAH, DUCHESSNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



U.E.L.S. Alum Cap,
0.1' High,
Pile of Stones






CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PAGE WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURETYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

-  = 90° SYMBOL
 = PROPOSED WELL HEAD.
 = SECTION CORNERS LOCATED

MAD 83 (TARJET BOTTOM HOLE)	MAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'20.86" (40.139075)	LATITUDE = 40°08'20.44" (40.139135)
LONGITUDE = 110°20'58.97" (110.349714)	LONGITUDE = 110°20'01.88" (110.333733)
MAD 27 (TARJET BOTTOM HOLE)	MAD 27 (SURFACE LOCATION)
LATITUDE = 40°08'20.82" (40.139117)	LATITUDE = 40°08'21.03" (40.139175)
LONGITUDE = 110°20'56.41" (110.349035)	LONGITUDE = 110°19'58.69" (110.333025)

SCALE	1" = 1000'	
PARTY	G.O. T.G. K.O.	DATE SURVEYED: 08-27-12
WEATHER	REFERENCES G.L.O. PLAT	DATE DRAWN: 09-06-12
HOT	FILE	PETROLYPH OPERATING CO., INC.